

# Work Order ID 64279

December 1, 2010 12:59:59 PM



Page 1

Item ID: D3619-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Grommet

Start Date: 12/01/10 Start Qty: 5.00



Cust Item ID:

Required Date: 12/08/10 Req'd Qty: 5.00



Customer:

Reference:

Run Start



Approvals: Process Plan: CL

Date: 10/12/01 Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3619	Rev A

100		0.00
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PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 130413 Purchase Part Number: 9610K17 Supplier: MC  
MASTER CARR ☐ Certificate of conformity is required

10-12-1  
(5)

110	Receive & Inspect for Damage & Mat'l Certs	0.00
-----	--	------



Packaging

Memo

0.00

Packaging

Ensure material certification is attached

10/12/3 (5)

120	QC6- Inspect dimensions to drawing	0.00
-----	------------------------------------	------



QC

Memo

0.00

Quality Control

8/10/12/06

(5)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 64279**

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Item ID: D3619-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Grommet

Start Date: 12/01/10 Start Qty: 5.00



Cust Item ID:

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Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	****Remove supplier paperwork from box.***** <input type="checkbox"/> Identify and Stock <input type="checkbox"/> Location: <u>070</u>								
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

*Page 2/6* (5)

*CK 10/12/06*

*MF 10-12-06*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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December 1, 2010 12:59:59 PM

Work Order ID: 64279



Parent Item: D3619-1



Parent Item Name: Grommet


Start Date: 12/01/10

Required Date: 12/08/10

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP Rev:A New Issue 07-04-09 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
9610K17  GROMMET		Purchased	No			110	Each	0.0000	1	5			



*Curry 3 (5)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

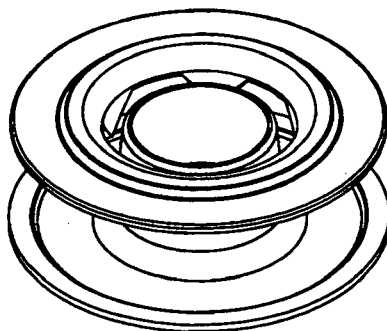
NOTE: Date & initial all entries



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3619</b>	REV. A SHEET 1 OF 1
DATE <b>07.03.26</b>		TITLE <b>GROMMET</b> SCALE NTS	
REV A	DATE 07.03.26	DESCRIPTION NEW ISSUE	

## SPECIFICATION CONTROL DRAWING

*Q1012101*  
*W10:64279*



**RELEASED**  
*07 04 02 #*

**D3619-X GROMMET,**  
**WHERE X REPRESENTS THE GROMMET TRADE SIZE**

DART P/N	TRADE SIZE	DESCRIPTION	HOLE SIZE	MAX. MTL THICKNESS	MCMASTER CARR P/N
D3619-0	0	BRASS GROMMET W/ TEETH	1/4	0.110	9610K16
D3619-1	1	BRASS GROMMET W/ TEETH	9/32	0.120	<u>9610K17</u>
D3619-2	2	BRASS GROMMET W/ TEETH	3/8	0.150	9610K18
D3619-3	3	BRASS GROMMET W/ TEETH	7/16	0.230	9610K19
D3619-4	4	BRASS GROMMET W/ TEETH	1/2	0.300	9610K21

### NOTES:

1) PURCHASE INFO: MCMASTER-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,  
24 GROMMETS FOR SIZE 2, 3 & 4,  
D3619-XT1 HOLE PUNCH,  
D3619-XT2 STRIKER BLOCK,  
D3619-XT3 PUNCH AND  
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO13043

Purchase Order Date 12/1/2010

PO Print Date 12/1/2010

Page Number 1 of 1

Order From :

VU-MCM001

MCMASTER-CARR SUPPLY CO,  
P.O. BOX 7690  
CHICAGO, IL 60680-7690  
US

**FAXED**  
12-1-10

Contact Name

Vendor Phone 330 995 5500

Vendor Fax 330 995 9600

Vendor Account Nbr

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	92311A639	SS SET SCREW	12/8/2010 Yes	100.00 Each	Purolator ground	\$0.6619	\$66.19
		Special Inst:	AS PER DWG: D2747 REV: B BATCH# 64276				
2	9610K17	GROMMET	12/8/2010 Yes	5.00 Each	Purolator ground	\$12.9000	\$64.50
		Special Inst:	AS PER DWG: D3619 REV: A BATCH# 64279				
3	91525A120	washer	12/8/2010 Yes	100.00 Each	Purolator ground	\$0.2916	\$29.16
		Special Inst:	AS PER DWG: D3456 REV: A BATCH# 64282				

PO Total:

\$159.85

Change Nbr: 2

Change Date: 12/1/2010

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



# McMASTER-CARR®

200 Aurora Industrial Parkway  
Aurora OH 44202  
330-995-5500  
le.sales@mcmaster.com

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

Purchase Order  
PO13043

McMaster-Carr Number  
1137441-01

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12/01/2010

Line	Description	Ordered	Shipped
3	<b>91525A120</b> Type 316 Stainless Steel Large-Diameter Flat Washer, 1/4" Screw Size, 1" OD, .04"-.06" Thick, Packs of 25	4 Packs	4
	Unit Price:	\$7.29	
	Extended Price:	\$29.16	
1	<b>92311A639</b> Type 18-8 Stainless Steel Cup Point Socket Set Screw, 3/8"-24 Thread, 1" Length, Packs of 10	10 Packs	10
	Unit Price:	\$5.91	
	Extended Price:	\$59.10	
2	<b>9610K17</b> Military Specification Grommet Kit, with Teeth Washer, Trade Size 1, 5/16" ID, 48 Grommets	5 Each	5
	Unit Price:	\$12.90	
	Extended Price:	\$64.50	

8/10/12/06

A11				
2 - 703 - 02	08 - 79	A120	4 PK	3
2 - 696 - 06	22 - 28	A639	10 PK	1
1 - 313				2

## Charges for this shipment

Merchandise Amount:	\$152.76
Sales Tax:	\$7.65
<b>Total:</b>	<b>\$160.41</b>

Dart Aerospace Ltd

EXP



6 lbs  
3 lines

Sm

12x7x5

SS-R-0707

FW1WBP25  
12/01/2010  
14:01/14:22  
075  
Cycle 46

